IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Orr et al.

Serial No.: Not Yet Assigned

Filed: September 8, 2003

For: APPARATUS AND METHOD FOR NON-INVASIVELY MEASURING

CARDIAC OUTPUT

Confirmation No.: Unknown

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: 2077.1-3868.2US

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Person making Deposit: Chris Haughton

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The present application is a divisional of application Serial No. 09/777,629, filed February 6, 2001, pending, which is a continuation of application Serial No. 09/262,510, filed March 2, 1999, now United States Patent 6,227,196, issued May 8, 2001, which is a continuation-in-part of application Serial No. 08/770,138, filed December 19, 1996.

Pursuant to M.P.E.P. 2001.06(b), the Examiner is respectfully requested to consider the information of record in the prior applications, and to confirm in the first Office Action on the merits that such art has in fact been reviewed. A PTO-1449 form listing all of the information of record in the prior applications is enclosed herewith.

Attorney Docket N .: 2077.1-3868.2US

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,

Brick G. Power

Registration No. 38,581 Attorney for Applicant(s)

TRASKBRITT

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Date: September 8, 2003

BGP/ps:djp

Enclosures: Form PTO-1449

Document in ProLaw

Sheet 1 of 3 **Docket Number (Optional) Application Number** 3868.2US N t Yet Assigned INFORMATION DISCLOSURE CITATION **Applicant** Orr et al. IN AN APPLICATION (Use several sheets if necessary) Filing Date September 8, 2003 Group Art Unit Unkn wn **U.S. PATENT DOCUMENTS** DOCUMENT FILING DATE DATE NAME CLASS **SUBCLASS** NUMBER IF APPROPRIATE 3,910,261 10/1975 Ragsdale et al. 4,192,301 03/1980 Hardwick 4,239,038 12/1980 Holmes 4,265,235 05/1981 Fukunaga et al. 4,941,476 07/1990 Fisher 4,947,860 08/1990 **Fisher** 5,299,579 04/1994 Gedeon et al. 5,642,726 07/1997 Owens et al. **FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER** DATE **COUNTRY CLASS SUBCLASS** YES NO WO 98/12963 04/1998 **PCT** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Article entitled "Noninvasive Measurement of Cardiac Output Using Partial CO₂ Rebreathing" by John M. Capek and Rob J. Roy (pp. 653-661)- Printed in IEEE Transactions On Biomedical Engineering, Vol. 35, No. 9 - September 1988 Article entitled "Noninvasive Measurement of Cardiac Output Using Partial Carbon-Dioxide Rebreathing" by John Michael Capek (title, introductory pages and pp. 127 - 132) - Printed by **UMI Dissertation Services - December 1988** Article entitled "Noninvasive Pulmonary Blood Flow for Optimal Peep" by A. Gedeon, ICOR AB, Ulvsundavägen 178 B, S-161 30 Bromma, Sweden (pages 49-58). Article entitled "Non-invasive pulmonary blood flow measurement by means of CO2 analysis of expiratory gases" by Bosman, R.J., et al., Intensive Care Med (1991) 17:98-102. Abstract FC 11 of article entitled "a Non-Invasive Technique for Measurement of Lung Perfusion" by H. Blomquist et al., published in "Monitoring, Computer, Instrumentation", Intensive Care Medicine (1986) 12:172.

EXAMINER

233-55.

Form PTO-1449

EXAMINER

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Sackner, Marvin A., Measurement of cardiac output by alveolar gas exchange, Handbook of Physiology ~ The Respiratory System IV, Chapter 13: Pulmonary Capillary Blood Flow, pages

EXAMINER: Initial if citati in considered, whether ir not citati in is in conformance with MPEP § 609; Draw lin through citati in if not in conformance and not considered. Include copy of this form with n xt communication to th applicant.

Sheet 2 of 3

Form PTO-1449				Docket Number (Optional) 3868.2US		Application Number N t Yet Assigned						
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